Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**One-Step Unit Conversion Problems**

|  |  |  |
| --- | --- | --- |
| Conversion Table | | |
| 1 yard = 3 feet  1 gallon = 4 quarts  1 L = 1000 mL  16g food = 130 calories | 1000 m = 1 km  1 pound = 16 ounces  1000g = 1 kg | 1 mile = 5,280 feet  1 mile = 1,760 yards  1 meter = 100 cm |

1. **How many feet are in a football field (100 yards)?**

GIVEN: LOOKING FOR:

1. **How many gallons do you have if you have 18 quarts?**

GIVEN: LOOKING FOR:

1. **How many milliliters are in 5.7 Liters?**

GIVEN: LOOKING FOR:

T-CHART:

1. **The average age of a high school sophomore is 15.5. How many days old is the average high school sophomore?**

GIVEN: LOOKING FOR:

T-CHART:

1. **How many grams of food would you need in order to consume 2150 calories?**

GIVEN: LOOKING FOR:

T-CHART:

1. **How many kilometers are in 2500 meters?**

GIVEN: LOOKING FOR:

T-CHART:

1. **Texas is 790 miles from East to West. How many feet wide is it?**

GIVEN: LOOKING FOR:

T-CHART:

1. **Each large pizza can feed three teenage boys. How many pizzas would be needed to feed the WLPCS wrestling team? (20 teenage boys).**

GIVEN: LOOKING FOR:

T-CHART:

1. **2nd Street is approximately 2 miles long. How many yards long is 2nd Street?**

GIVEN: LOOKING FOR:

T-CHART:

1. **You spend 230 minutes in chemistry class each week. How many minutes will you have spent in chemistry by the end of the school year (36 weeks)?**

GIVEN: LOOKING FOR:

T-CHART: